

## Amendments to the Claims

Please replace the Claims as shown below:

1. (Currently Amended) A method for facilitating the display of information of a document for a selected ~~user module~~ pre-configured function, said method comprising:

receiving said selected ~~user module~~ pre-configured function that is based on a plurality of programmable system blocks, wherein a microcontroller comprises said plurality of programmable system blocks ~~wherein said user module acts as a preconfigured function for a target device;~~

scanning said document corresponding to said selected ~~user module~~ pre-configured function for indicators, wherein said indicators are for indicating a predetermined location within said document; [[and]]

in response to said scanning, automatically rendering graphic elements for each corresponding indicator, wherein a graphic element is rendered with a descriptive label according to information within said indicator; [[and]]

in response to a graphic element being selected, jumping scrolling to a predetermined location within said document corresponding to [[a]] said selected graphic element and displaying information of said predetermined location; ~~location;~~ and

corresponding to said selected graphic element, moving a scroll box to a location of a scroll bar that indicates a current location within said document, said scroll bar and said scroll box for scrolling through said document.

2. (Currently Amended) A method as recited in Claim 1 wherein said plurality of programmable system blocks comprises a matrix of interconnected analog blocks ~~document is for use in programming a programmable microcontroller comprising programmable digital and programmable analog elements.~~

3. (Currently Amended) A method as recited in Claim 1 wherein said document is a datasheet providing technical details of said pre-configured function-a ~~corresponding user module, wherein a user module is a pre-configured circuit design for implementation on a microcontroller.~~

4. (Original) A method as recited in Claim 1 wherein said document is an HTML document.

5. (Original) A method as recited in Claim 4 wherein said indicators are embedded HTML anchors.

6. (Original) A method as recited in Claim 1 wherein said document is an XML document.

7. (Original) A method as recited in Claim 1 wherein said document is selected from a catalog of documents.

8. (Currently Amended) A method as recited in Claim 3 wherein said user module pre-configured function is selected from a catalog of user-modules pre-configured functions.

9. (Original) A method as recited in Claim 1 wherein said graphic elements are rendered adjacent to said document.

10. (Previously Presented) A method as recited in Claim 1 wherein an interaction with said scroll bar activates a graphic element upon passing a corresponding indicator of said graphic element, such that a current location on said document is rendered.

11. (Currently Amended) A computer system comprising:  
a bus;  
a display device coupled to said bus;  
a memory unit coupled to said bus, and

a processor coupled to said bus, said processor for executing a method for facilitating the display of information of a document for a selected ~~user module~~ pre-configured function, said method comprising:

receiving said selected ~~user module wherein said user module acts as a preconfigured function for a target device~~ pre-configured function that is based on a plurality of programmable system blocks, wherein a microcontroller comprises said plurality of programmable system blocks;

scanning said document corresponding to said selected ~~user module~~ pre-configured function for indicators, wherein said indicators are for indicating a predetermined location within said document; and

in response to said scanning, automatically rendering graphic elements for each corresponding indicator, wherein a graphic element is rendered with a descriptive label according to information within said indicator; and

in response to a graphic element being selected, scrolling said document to a predetermined location corresponding to ~~[[a]]~~ said selected graphic element and displaying information of said predetermined location.

12. (Currently Amended) A computer system as recited in Claim 11 wherein said plurality of programmable system blocks comprises a matrix of interconnected digital blocks ~~document is for use in programming a programmable microcontroller comprising programmable digital and programmable analog elements.~~

13. (Currently Amended) A computer system as recited in Claim 11 wherein said document is a datasheet providing technical details of said pre-configured function ~~a corresponding user module, wherein a user module is a pre-configured circuit design for implementation on a microcontroller.~~

14. (Original) A computer system as recited in Claim 11 wherein said document is an HTML document.

15. (Original) A computer system as recited in Claim 14 wherein said indicators are embedded HTML anchors.

16. (Original) A computer system as recited in Claim 11 wherein said document is an XML document.

17. (Original) A computer system as recited in Claim 11 wherein said document is selected from a catalog of documents.

18. (Currently Amended) A computer system as recited in Claim 13 wherein said user-module pre-configured function is selected from a catalog of user-modules pre-configured functions.

19. (Original) A computer system as recited in Claim 11 wherein said graphic elements are rendered adjacent to said document.

20. (Previously Presented) A computer system as recited in Claim 11 wherein a an interaction with a scroll bar for scrolling through said document activates a graphic element upon passing a corresponding indicator of said graphic element, such that a current location on said document is rendered.

21. (Currently Amended) A computer-usable medium having computer-readable program code embodied therein for causing a computer system to perform a method for facilitating the display of information of a document for a selected user-module pre-configured function, said method comprising:

receiving said selected user-module wherein said user-module acts as a preconfigured function for an integrated circuit pre-configured function that is based on a plurality of programmable system blocks, wherein a microcontroller comprises said plurality of programmable system blocks;

scanning said document corresponding to said selected ~~user module~~ pre-configured function for indicators, wherein said indicators are for indicating a predetermined location within said document; and

in response to said scanning, automatically rendering graphic elements for each corresponding indicator, wherein a graphic element is rendered with a descriptive label according to information within said indicator; and

in response to a graphic element being selected, jumping scrolling to a predetermined location within said document corresponding to a selected graphic element and displaying information of said predetermined location.

22. (Currently Amended) A computer-usable medium as recited in Claim 21 wherein said plurality of programmable system blocks comprises a matrix of interconnected blocks ~~document is for use in programming a programmable microcontroller comprising programmable digital and programmable analog elements.~~

23. (Currently Amended) A computer-usable medium as recited in Claim 21 wherein said document is a datasheet providing technical details of said pre-configured function ~~a corresponding user module, wherein a user module is a pre-configured circuit design for implementation on a microcontroller.~~

24. (Original) A computer-usable medium as recited in Claim 21 wherein said document is an HTML document.

25. (Original) A computer-usable medium as recited in Claim 24 wherein said indicators are embedded HTML anchors.

26: (Original) A computer-usable medium as recited in Claim 21 wherein said document is an XML document.

27. (Original) A computer-usable medium as recited in Claim 21 wherein said document is selected from a catalog of documents.

28. (Currently Amended) A computer-usable medium as recited in Claim 23 wherein said ~~user module~~ pre-configured function is selected from a catalog of ~~user modules~~ pre-configured functions.

29. (Original) A computer-usable medium as recited in Claim 21 wherein said graphic elements are rendered adjacent to said document.

30. (Previously Presented) A computer-usable medium as recited in Claim 21 wherein an interaction with a scroll bar for scrolling through said document activates a graphic element upon passing a corresponding indicator of said graphic element, such that a current location on said document is rendered.

Claims 31-34 (Canceled)